

AN  
EPHEMERIS  
OR,  
ALMANACK  
for the yeare of our  
LORD  
1658.

Being the second after Leap-year,  
and from the creation of the  
World 5662.

Calculated properly for the meridian of *Ickelton*,  
(that ancient Town) in *Cambridgeshire*; called  
of old time *Ikaltdown*: in which *Howan* (one  
of the *British Kings*) was buried 1986 years  
since. And where the Pole-Artick is elevated  
above the Horizon 52 degrees and 9 minutes.

By JOHN SWAN.

*Non nobis solum nati sumus.*

CAMBRIDGE:

Printed by John Field, Printer to the  
Universitie. 1658.

Swan 1658.

The Common notes and Moveable Feasts  
for the years

1658.

1659.

	6	The Golden Number		7
	6	The Dominicall letter		7
	15	The Epact		17
	21	The cycle of the Sun		16
Febr.	21	Shrovesunday	Febr.	13
April	11	Easter day	April	3
May	20	Ascension day	May	11
May	30	Whitsunday	May	22
Novemb.	28	Adventunday	Novemb.	27

The dominion of the Moon in mans body, passing  
under the twelve signs of the Zodiack.



OF

Swan 1658.

## Of the four quarters of the year.

### First of Winter.

**W**Inter, that frost-bitten churl, taketh his beginning when the sun enters into the first scruple of the solstitiall sign *Capricorn*, which hapned the last year on the 11 of *December*, 55 minutes past six in the morning. This Quarter continueth till the Sun hath run through these three southern signes (*viz.*) *Capricorn*, *Aquarius*, and *Pisces*: and is compared to old age; the Sun being then so far from us, as that he gives but small heat to any of the creatures (whether Animal or Vegetable) but leaves them to the tyrannie of the cold nips of frost, wind and snow.

*Long 'tis before he riseth, soon in bed:  
He quick'y runs his race, then hides his head.  
For scarce can gallant Phœbus glitt'ring eye  
Upon our Hemisphear project his raies,  
But black night steals him hence, which makes the skie  
Oft mourn in sable, weeping for those days,  
Those former dayes when longer he could stay,  
And cloath the fragrant earth with pleasant greens;  
For which upon her back he now doth lay  
A cold white coat, as now and then is seen.  
Yea, ponds and lakes with icie glass abound,  
And creatures of all sorts are much dismayd,  
Wanting that heat which oft in him they found,  
Their beauti's gone, their strength is much decayd,  
Wherefore bright Phœbus mount, get up, behold  
The Spring, kept back with shiv'ring fits of cold.*

### Of the Spring, the second season.

**T**His Quarter or season never came unwished for, or unwelcome; it taketh it's beginning this year on the tenth day of *March*, 9 minutes past 7 a clock in the morning, and is naturally (like man in his infancie) hot and moist: continuing till the sun hath run through *Aries*, *Taurus*, *Gemini*.

*See, see a change, the earth's invested new  
with gaye robes then she at Christmas wore;  
The skie hath chang'd his sable into blue,  
And looks more serene then he did before.  
Yea, Phœbus presence doth again revive  
As well things sensible as vegetive.*

Of Summer, the third season.

**S**ummer the mother of plenty, and daughter of bounty,  
begins this year on the 11 day of June, 11 minutes past  
10 in the forenoon, at which time the sun enters into the  
first scruple of Cancer; the Quarter continuing till it hath  
run through that, and two signs more: and is naturally like  
to lusty youth, hot and drie. For look and see,

*Bright Phœbus now is mounted up on high,  
Ripening those fruits which he reviv'd before,  
And in the Crabfish shews his Majestie,  
Extracting from the earth her liberall store:  
But at the highest, he must back retire,  
Lest mounting more he set her fruits on fire.*

Of Autumne, the years last season.

**A**utumne may not unfitly be called the years barbar  
or (if you will) a kind-hearted-prodigall that gives  
all away, and leaves himself nothing. This season or Quar  
ter begins this year on the 13 day of September, 12 minutes  
past one in the morning, and is as our manhood, when like  
plants we begin again to waste. Not unfitly therefore may  
we conclude and say,

*The year is past his growth; Phœbus declines:  
Dame Tellus must abate her former pride;  
For unto Autumne she her store resigns:  
But over long 'twill not with Autumne bide.  
For trees yield up their fruit, the fields their corn,  
Each fragrant thing is gone; the earth's forlorn.*


























































Memorable Accidents; or a Chronological  
description of many things of note, shewing  
how long they hapned before this year  
of our Lord 1658.

Since the creation of the world	5662
Since the flood of Noah	4006
Since the promise made to Abraham	3577
Since the coming of the Israelites out of Egypt	3147
Since the destruction of Troy	2841
Since King Brute entered this land	2765
Since the building of London	2761
Since K. Solomon began to build the Temple	2668
Since the beginning of the Olympiads	2433
Since the building of Rome	2409
Since Solomons temple burnt by Nebuchadnezzar	2245
Since the said temple built again by Zorobabel	2177
Since the Baptisme of our Saviour Jesus Christ	1632
Since his suffering death upon the Crosse	1628
Since the destruction of Jerusalem by the Romans	1588
Since Cambridge was made an Universitie	1023
Since England was conquered by Duke William	592
Since the first Major of London	468
Since the invention of Gunnes	278
Since the invention of Printing	218
Since Coaches were first used in England	103
Since the Royall Exchange in London was built	93
Since the New Starre in Cassiopea	86
Since the whole Heavens seemed to burn	84
Since Tilbury Camp on S. James his day	70
Since the Gun-powder Treason, Novemb. the fifth	53
Since the Great frost towards the end of this year	51
Since the last great Blazing Star	40
Since the long Parliament began	181
Since it ended, April 20	55
Since the fight at Edge-hill, Octob. the 23.	16
Since K. Charles was beheaded, January the 30.	9

# January hath xxxi days.

In all matters legal, the year begins with us the 25 day of March, so that the year which begins the first of January, is the *Julian* year, instituted by *Julius Cesar* by the help of *Soligenes an Egyptian*, consisting of 8766 hours. In which be 365 days and a quarter: which quarter reserved till every fourth year, is added to February, and so comes the Leap-year.

1	 Circumcision	Aries	21	This moneth	 First quar-
2	  5 a	Taur.	3	seems to enter	ter the 1 day,
3	2 sund. aft. Chr.		14	with wind &	44 min. past
4	 		26	storms; & is so	noon. 
5	 	Gem.	8	chiefly the 2,	No visible e-
6	Epiphanie		21	5, 8 & 9 days	clipse this
7	 	Canc.	4	Frostie.	ear. 
8	  1 a		16	Storms of	Fair & freez.
9	 	Leo		o snow.	 Full moon
10	Sun in Aquar.		14	*  	the 9 day, 50
11	 		27	Fairer wea-	min past ten
12	 	Virg.	12	ther.	before noon.
13	Hilary Bish.		26	 	day 8 h. 21 m.
14	 	Libra	10	 like to	
15	Moon in perig		24	rain or snow.	
16	 	Scorp.	8	Variable.	 Last quar-
17	2 after Epiph.		22	Freezing wea-	ter the 16 day
18	 in 	Sag.	6	ther. *  	3 quarters past
19	  4 p		10	Snow.	8 morning.
20	Eighth of Hil.	Capr.	4	Very cold.	
21	  5 p		17	  Snow	day 8 h. 42 m
22	Td.  	Aquar.	1	or rain.	
23	Term begins		14	 	 Newmoon
24	3 aft. Epiph.		27	Some winde	the 23 day,
25	Conv of Panl	Pisces	10	at night.	34 min. past
26	*  		23		10 morning.
27	Fifteenth Hil.	Aries	5	Dark misting	  cloudy
28	  1 p		17	weather with	snowlike
29	Moon in apog.		29	snow or rain.	day 9 h. 14 m
30	 in elon. max.	Taur.	11	The two last	 First quart.
31	4 aft. Epiph.		21	days very mild	10. 32. morn.

# January 1658.

This moneth was first brought into the *Romane* kalender by *Numa Pompilius* the second king of the *Romanes*, in honour of bisfronted *Janus*, from whence it took the name of *January*: & in old time hath been painted forth in the shape of one with two faces, with the one whereof he looked into the old year, and with the other into the new.

1	21	40	Gal.
2	22	41	4
3	23	42	3
4	24	43	Prid.
5	25	44	Non.
6	26	46	8
7	27	47	7
8	28	48	6
9	29	49	5
10	30	50	4
11	1	51	3
12	2	52	Prid.
13	3	54	Idus.
14	4	55	19
15	5	56	18
16	6	57	17
17	7	58	16
18	8	59	15
19	10	0	14
20	11	0	13
21	12	1	12
22	13	2	11
23	14	3	10
24	15	4	9
25	16	5	8
26	17	6	7
27	18	7	6
28	19	7	5
29	20	8	4
30	21	9	3
31	22	9	Prid.

About this time the day is increased an hour, and by the beginning of *February*, two hours.

# February hath xxviii dayes.

In every leap year, the 24 and 25 dayes of February, in  
suits at law, are to be accounted both as one. But for keep-  
ing of Marts and Fairs, those which use to be on the 24,  
must be kept on the 25, because Matthias is not untill the  
25 when it is leap-year.

1	D	Bq. h ♀	Gem.	4	Windie and	
2	e	Purif. of Mary		16	moist.	
3	f	Morrow Purif.		29	Windy still.	
4	g	Δ ♀ ☾ 3 p.	Canc.	11	* ♂ ☾	
5	a	Vc h ♂		25	☾ h ☾ cloudy	
6	b	♂ ♀ ☾ 3 p.	Leo	8	and moist.	
7	c	Septuagesima		22	☾ ♂ ☾	● Full moon
8	d	Sun in Pisces	Virg.	6	* ♀ ☾ like	the 7 day, 53
9	e	Δ ♂ ☾ 9 a.		21	to freez.	min. past 11
10	f	Eighth Purif.	Libra	6	☾ ♀ ☾	at night.
11	g	Δ ♀ ☾ 4 a.		20	Snow-like.	
12	a	Term ends	Scorp.	5	☾ perig.	
13	b	♂ ♂ ☾ 5 p.		19	Cold.	
14	c	Valentine	Sag.	3	Snow-like.	☾ Last quar-
15	d	Eq. h ♂		17	Very windie	ter the 14
16	e	♂ ☉ ☾ 7 p.	Capr.	1	and stormy	day, 2 min.
17	f	♀ Oriental.		14	most part of	past 5 at night
18	g	☾ ♂ ♀ 3 a.		27	this week, and	
19	a	Bq. ☉ h	Aquar.	10	cold enough.	
20	b	Td. ☉ ♀		23	♂ ♀ ☾ wet	
21	c	Shrovesunday	Pisces	6	and windy.	
22	d	Δ ♀ ♀ 7 p.		18	♂ ☉ ☾	● New moon
23	e	♂ ♀ ♀ 3 p.	Aries	1	Very wet and	the 22 day, 33
24	f	Matthias Apo.		13	windy the 23,	min. past 2 in
25	g	☾ in apog.		25	25, & 27 days	the morning.
26	a	* ♀ ☾ 7 a.	Taur.	7	Cold winter	
27	b	SS. ♀ ♂		19	weather.	
28	c	Quadragesima	Gem.	0	More milde.	

# February 1658.

This moneth *February* was also brought in by *Numa*, and in the honour of *Pluto* called by the name of *February*, to whom sacrifices were to be offered up in this moneth, and vows performed for the souls of the dead. For *Pluto* was also named *Februus*; and the sacrifices were called *Ambervalia*, *Lustralia*, *Amburbia*, & *Februa*.

1	13	10	Cal.
2	14	11	4
3	15	11	3
4	16	12	Prid.
5	17	12	Non.
6	18	13	8
7	19	13	7
8	20	14	6
9	1	14	5
10	2	15	4
11	3	15	3
12	4	15	Prid.
13	5	15	Idus.
14	6	16	16
15	7	16	15
16	8	16	14
17	9	16	13
18	10	16	12
19	11	16	11
20	12	17	10
21	13	17	9
22	14	17	8
23	15	17	7
24	16	17	6
25	17	17	5
26	18	16	4
27	19	16	3
28	20	16	Prid.

# March hath xxxi dayes.

In that age of the world in which our Saviour *Iesus Christ* was born, the vernal equinox (according to *Harmonic celeste*) was *March 22*, which now is sooner by the space of 12 daies. For now in these dayes the Sun enters *Aries* commonly on the tenth day of *March*; the precise time whereof this year is on the said tenth day, 9 minur. past seven in the morning.

1	D	☐	♀	☾	1	Gem.	12	Indifferent	
2	E	△	♂	☾			24	good weather.	☾ First quar-
3	F	♂	♂	☾		Canc.	7	△ ♀ ☾ Fair	ter the second
4	G	☐	♂	☾			19	Td ♀ ☾ clou-	day, 20 min.
5	A	*	♂	☾		Leo	3	dy and cool.	past 7 morn.
6	B	*	♂	☾			16	Temperate &	
7	C	☐	☐	☾	2	Virg.	0	good weather.	
8	D	△	♀	☾	1		15	Wind and	
9	E	☐	♀	☾	3	Libr.	0	rain.	☉ Full moon
10	F	☐	☐	☾	2		15	Cloudy cool.	the 9 day, 24
11	G	☐	☐	☾	3	Scorp.	0	Fair & clear.	min. past 10
12	A	☐	☐	☾	3		15	Great winds	morning;
13	B	△	☐	☾	6	Sag.	25	about this	
14	C	☐	☐	☾	3		14	time: but	
15	D	♀	☐	☾	max.		27	fair & good	
16	E	☐	♂	☾	8	Capr.	11	cool night.	☾ Last quar-
17	F	*	♀	☾			24	Some storms	ter the 16 day
18	G	*	☐	☾		Aqua.	7	Better & more	50 min. past
19	A	△	♂	☾			20	milde til sun-	one morning.
20	B	☐	♀	☾	7	Pisces	3	day.	
21	C	☐	☐	☾			15	Thence ex-	
22	D	Vc	♂	☾			27	pect bigwinds	
23	E	△	♂	☾	10	Aries	10	and storms, &	☉ New moon
24	F	♂	☐	☾	15		22	snov-like	the 23 day, 32
25	G	☐	☐	☾	1	Taur.	3	on our Lady	min. past six
26	A	*	♀	☾	10		15	day.	at night.
27	B	☐	☐	☾	21		27	Warmer, but	
28	C	☐	☐	☾	5	Gem.	9	wet for the	☾ First quar-
29	D	☐	♀	☾			21	most part.	ter the last day
30	E	♂	♂	☾	2	Canc.	3	Cool and	40 min. past 9
31	F	☐	♀	☾			15	moist.	at night.



# March 1658.

About the time of the building of *Rome*, the old *Romanes* began their year from *March*: for *Romulus* in honour of *Mars* (whom he supposed to be his Father) caused this moneth both to bear his name, and also to be the first moneth of the year.

*A te principium Romano dicimus anno,*

*Primus de patris nomine mensis erit. Ovid. Fast. l. 3.*

1	21	16	Gal.
2	22	15	6
3	23	15	5
4	24	15	4
5	25	14	3
6	26	14	Prid.
7	27	13	Non.
8	28	13	8
9	29	12	7
10	0	11	6
11	1	11	5
12	2	10	4
13	3	9	3
14	4	9	Prid.
15	5	8	Idus.
16	6	7	17
17	7	6	16
18	8	5	15
19	9	4	14
20	10	3	13
21	11	3	12
22	12	2	11
23	13	1	10
24	14	0	9
25	14	59	8
26	15	57	7
27	16	56	6
28	17	55	5
29	18	53	4
30	19	52	3
31	20	51	Prid.

# April hath xxx dayes.

In the moneth *Abib* (called afterward *Nisan*) the children of *Israel* came out of *Egypt*, on the 15 day of the moneth, 430 years after the promise. This was in the year of the *Julian Period* 3214, on the last day of *April*, and sixth day of the week; even as on the same day of the week *Christ* purchased a better Redemption by the blood of his Crosse

1	g	Q	o	4	Canc.	28	Milde & good		
2	a	*	h	C	6 p.	11	weather till		
3	b	Δ	o	C	10 p.	24	the fourth day		
4	⊙	Palm Sunday	Virg.	9	☿	4	♀ Wind		
5	d	*	♂	♀	8 p.	23	and fleer.		
6	e	♂	h	C	10 p.	8	White clouds.		
7	f	♂	♀	C	2 p.	23	Δ ♂ ☾ rain		
8	g	☾	in perig.	Scorp.	8	Fairer.	☉ Full moon		
9	a	Q	♂	♀	23	Like to be	the 7 day, a-		
10	b	Sun in Tatr.	Sag.	8	♂	h	storms night.		
11	⊙	Easter day	23	of hail & thun	7	♂	4	☾ some-	
12	d	☿	h	C	11 p.	21	thing better.		
13	e	☿	♀	C	9 a	4	☿	♀ ☾ moist	
14	f	☿	o	C	11 a	17	and cool.	☾ Last quar-	
15	g	Q	4	♀	Aqua.	6	Fairer weath	ter the 14 day	
16	a	*	o	4	4 a	12	Showers and	6 min. past	
17	b	♂	o	♀	7 p	24	thunder.	11 before	
18	⊙	Low Sunday	Pisces	6	Fair and	18	good.	noon.	
19	d	*	♂	♀	3 a	0	Cool weather	☉ New moon	
20	e	Sulphur	Aries	12	Showers.	24	Temperate	the 22 day a-	
21	f	*	♂	C	3 p.	6	ind good.	bout 11 be-	
22	g	♂	♀	C	2 p	18	☿	☿ Great	
23	a	George mart	Gem.	0	wind.	21	cool & cloudy	☾ First quar-	
24	b	Vc h2. ☾ ☿	Canc.	21	cool & cloudy	24	♂	♀	☿ windy
25	⊙	Mark Evang.	Leo	7	forms and	20	much wet.	ter the last	
26	d	Fifteenth East.	20	much wet.	day, 38 min.			past 10 morn.	
27	e	♂	4	C	3 a				
28	f	Term begins							
29	g	*	h	C	9 p.				
30	a	☿	♀	C	5 p.				

# April 1658.

As *March* was the first moneth in the old year of *Romulus*, so *April* was the second. *Varro* thinketh it was called *April* (or *Aperilis*) *ab aperiendo*, from opening: because then the earth beginneth to be open, and to afford fine flowers and other good things out of her treasure. Or else it is *April* from *απριλ*, *spuma, ex qua ortam fuisse Venerē Poetæ opinantur.*

1	21	50	Cal.
2	22	49	4
3	23	47	3
4	24	45	Prid.
5	25	44	Non.
6	26	43	8
7	27	41	7
8	28	39	6
9	29	38	5
10	0	36	4
11	1	34	3
12	2	33	Prid.
13	3	31	Idus
14	4	29	18
15	5	27	17
16	6	25	16
17	7	23	15
18	8	21	14
19	9	19	13
20	10	17	12
21	11	15	11
22	12	13	10
23	13	11	9
24	14	9	8
25	15	7	7
26	16	5	6
27	17	3	5
28	18	1	4
29	18	59	3
30	19	56	Prid.

# May hath xxxi days.

The 16 day of *Iar* (which was the second moneth after the coming out of *Egypt*) Manna was first rained down from heaven for the feeding of the *Israelites*; which fell out according to the *Julian* period the 30 day of *May. feria prima*, and from thence continued by the space of fourty years, till they came into the land of *Canaan*.

1	b	Philip & Jam.	Virgo	3	♂ ♀ ☽ thun-	Venus is with
2	c	3 aft. East.		17	der and heat.	the Pleiades.
3	d	Tres Pasch.	Libra	2	♂ ☾ cloudy	
4	e	♂ ☾ 1 a		16	Hot weather.	
5	f	☾ in perig.	Scorp.	1	Good wea-	
6	g	John port. Lat.		19	ther, but hot.	
7	a	☾ ☽ 9 a	Sagit.	2	♂ ♀ ☾ tur-	● Full moon
8	b	Δ ☽ ☽ 7 p		17	bulent windy	the 7 day, 44
9	c	4 after Easter	Capr.	1	and stormy.	min. past 2 in
10	d	Menl. Pasch.		16	Thunderlike,	the morning.
11	e	Sun in Gem.	Aquar.	0	Δ ☾ ☾ Very	
12	f	Δ ☽ ☾ 9 a		13	good weather	
13	g	☾ ☾ ☾ 11 p		26	these dayes.	☾ Last quar-
14	a	SS. 4 ♀. Td. h ☽	Pisces	6	☾ ☽ ☾ scarce	ter the 13 day
15	b	Δ ☽ ☽ 0 p		21	fair.	38 min. past
16	c	Rogation sun	Aries	3	* ☾ ☾	11 at night.
17	d	Quinq; Pasch.		15	☾ ☽ ☽ winde	
18	e	* ♀ ☾ 3 p		27	and rain.	
19	f	☾ in apog.	Taur.	9	* ♀ ☾	
20	g	Ascension day		21	* ☽ ☾ Tem-	
21	a	Craft. Ascen.	Gem.	3	pests arising.	
22	b	♂ ♀ ☾ 11 p		15	Rain-like.	● New moon
23	c	2 after Easter.		27	Cool weather	the 22 day,
24	d	Term ends	Canc.	9	♂ ♀ ☾ Some.	3 quarters past
25	e	♂ ☽ ☾ 3 p		22	sudden rain.	2 morning.
26	f	Edwardus	Leo	4	Very hot	
27	g	* ☾ ☾ 9 a		17	weather.	
28	a	* ♀ ☾ 6 a	Virg.	0	Thunderlike.	☾ First quar-
29	b	☾ ☽ ☽ 5 a		13	Windy storms	ter the 29 day
30	c	Whitsunday		27	☾ ☽ ☽ Rain &	4 min. past
31	d	♂ ☽ ☾ 0 p	Libra	11	wind. ☾ ☽ ☾	7 at night.

# May 1658.

May in the old *Romane* year, was so called à *Majoribus*; for when *Romulus* would that the citie which he built should be increased with inhabitants; and that he had distinguished the people therein into *Majores* and *Minores*, he then ordained that this moneth should have 31 dayes, and that it should be called *May*, à *majoribus populi*, to whom it was dedicated.

1	30	50	Gal.
2	21	51	6
3	22	49	5
4	23	47	4
5	24	44	3
6	25	42	Prid.
7	26	39	Non.
8	27	37	8
9	28	34	7
10	29	32	6
11	●II	30	5
12	1	27	4
13	2	24	3
14	3	22	Prid.
15	4	19	Idus.
16	5	17	17
17	6	12	16
18	7	11	15
19	8	9	14
20	9	6	13
21	10	3	12
22	11	1	11
23	12	58	10
24	13	55	9
25	14	53	8
26	15	50	7
27	16	47	6
28	17	44	5
29	18	42	4
30	19	39	3
31	20	36	Prid.

# June hath xxx dayes.

The sixth day of the third moneth, (*viz.*) *Sivan*, was the Law given with great terrour upon mount *Sinai*, on the fiftieth day after the *Exodus*. This was on the nineteenth day of *June*, and seventh day of the week: from whence to this year will be 3147 years fully finished.

1	e	Δ ○ ☾	Libra	26	Very good	
2	f	Moon in perig.	Scorp.	10	weather till	
3	g	Δ ♂ ☾ 5 p.		25	the fourth day	
4	a	Td. ○ h	Sag.	10	♂ ♀ ♀ Like	
5	b	h stationary.		25	to be but bad	☉ Full moon
6	c	Trinity sunday	Capr.	10	winds ♂ ☾	the 5 day, 16
7	d	Morrow Trin.		14	♂ ♂ ☾	min. past ten
8	e	Medards day	Aquar.	8	Wet misling	before noon.
9	f	Δ ○ ☾ 12 p		22	weather.	
10	g	Dauphinus	Pisc.	5		
11	a	Term begins		17	Hot.	
12	b	8 Centers ☾	Aries	0	Fine pleasant	☾ Last quar-
13	c	1 after Trin.		12	weather.	ter the 12
14	d	Eighth Trin.		24		day, 20 min.
15	e	* ○ ☾	Taur.	6	☐ ♂ ☾	past one after
16	f	Moon in apog		18	Intemperate.	noon.
17	g	Etoloph		29		
18	a	Δ h ☾ ○ p	Gem.	12	* ♂ ☾ Hot	
19	b	Gerbase		23	weather.	
20	c	2 after Trin.	Canc.	6	☐ h ☾ cloudy	☉ New moon
21	d	Ffteenth Trin.		18	and windy.	the 20 day,
22	e	♂ ♀ ☾ 6 a	Leo	1	But about the	7 min. past 5
23	f	♂ ♂ ☾ 6 a		14 22, 23, & 24	something	after noon.
24	g	John Baptift		27	something	
25	a	* ♀ ☾	Virg.	10	strange weath.	
26	b	* ♀ ☾		24	From thence	
27	c	3 after Trin.	Libra	8	better & mild-	☾ First quar-
28	d	3 w. after Tr.		21	er to the end.	ter the 18 day
29	e	Peter Apost.	Scorp.	6	☐ ♀ ☾	25 min. past
30	f	Term ends		20	Δ ♀ ☾	one morning.



# June 1658.

*June* in like manner was so named à *Junioribus populi*, as *Ovid* sheweth, saying, *Junius à juvenum nomine dictus adest*. But others fetch it from *Juno*, because of the many honours at this season done to her. Or else *June* frō *Junius Brutus*, the first Consul after the kings were expelled: For on the first of this month he performd holy rites in mount *Calion* to *Carnea*

1	10	33	Cal.
2	11	30	4
3	12	27	3
4	13	24	Prid.
5	14	21	Non.
6	15	18	8
7	16	15	7
8	17	13	6
9	18	10	5
10	19	7	4
11	20	4	3
12	1	1	Prid.
13	1	58	Idus.
14	2	55	18
15	3	53	17
16	4	50	16
17	5	46	15
18	6	44	14
19	7	41	13
20	8	38	12
21	9	35	11
22	10	31	10
23	11	29	9
24	12	26	8
25	13	23	7
26	14	20	6
27	15	17	5
28	16	14	4
29	17	11	3
30	18	9	Prid.

# July hath xxxi dayes.

The tradition of the Jewe is, that on the 17 day of *Thamuz* *Moses* came from the mount with the Tables in his hand, & brake them, when he saw the people had transgressed in making the golden calf which *Aaron* made. But it is rather two dayes later, viz. on the 19 day, which then was the last of *July*, and 7 day of the week; as is also intimated, *Exod. 32. 5.*

1	g	Moon in ♊	Sag.	4	Δ ♀ ☾ fair	
2	a	Δ ♂ ☾ 7 a		19	and good.	
3	b	* ♄ ♀ 9 p	Capr.	3	♂ ☾ The 3,	
4	●	4 after Trin.		18	4 and 5 very	● Full moon
5	d	Jupiter oriental	Aqua.	2	much wind.	the 4 day, 27
6	e	♂ ♀ ☾ 10 a		16	♂ ☾ thun-	min. past 6 at
7	f	Becket	Pisces	0	der & heat.	night.
8	g	Δ ♀ ☾ 1 a		13	Cooler.	
9	a	Δ ☉ ☾ 1 p		16	Temperate.	
10	b	♄ ♄ ☾ 10 p	Aries	8	Cloudy.	
11	●	5 after Trin.		10	Hot. Δ ♀ ☾	
12	d	♄ ♂ ♀ 11	Taur.	2	rain & thund.	● Last quar-
13	e	Sun in Leo		14	Wind	ter the 12
14	f	7 elong. max.		26	Fair & good	day, 24 min.
15	g	Switthin	Gem.	7	weather, ex-	past 5 morn,
16	a	* ♂ ☾ 12 p		19	cept the 14.	
17	b	* ♀ ☾ 5 a	Canc.	1	the 15 wind.	
18	●	6 after Trin.		14	☐ ♄ ☾	
19	d	Dog days beg.		27	♄ ♄ ☾	
20	e	* ♄ ☾ 5 p	Leo	10	♄ ☉ ☾	● Newmoon
21	f	♄ ♂ ☾ 9 p		23	thund. westw.	the 20 day, 29
22	g	Mary Magd.	Virg.	7	Rain-like.	min. past 5 in
23	a	* ♄ ☾ 9 p		21	* ♀ ☾	the morn.
24	b	* ☉ ☾ 8 p	Libr.	4	1 he 24, & 25	
25	●	James Apost.		18	wind-like.	
26	d	☐ ♀ ☾ 5 a	Scorp.	2	* ♂ ☾ The 26	
27	e	☐ ☉ ♄ 8 a		16	and aft r are	● First quar-
28	f	☐ ♂ ☾ 4 p	Sag.	0	much like, but	ter the 27
29	g	* ♄ ☾ 10 a		14	more moist.	day, 40. min.
30	a	Δ ♂ ☾ 9 p	Capr.	0		past 6 in the
31	b	Δ ♀ ☾ 5 p		13	☐ ♄ ☾ 2 p	morning.

# July 1658.

July, of old time Quintilis ( it was the fifth from March)  
lost that name in the daies of Julius Cesar, for then it began  
to be called July in honour of Julius Cesar: but is indeed the  
fifth moneth of the old Romane year. Or else it is called Ju-  
ly, because on the 4. Ides of Quintilis *Julius Cesar precrea-*  
*us fuerit* Macrobi. l. i. c. 12. & Censorin. c. 22.

1	19	6	Cal.
2	20	3	6
3	21	0	5
4	22	57	4
5	23	54	3
6	24	51	Prid.
7	25	48	Non.
8	26	46	8
9	27	43	7
10	28	40	6
11	29	37	5
12	30	35	4
13	31	32	3
14	1	9	Prid.
15	2	26	Idus.
16	3	24	17
17	4	21	16
18	5	18	15
19	6	15	14
20	7	13	13
21	8	10	12
22	9	8	11
23	10	5	10
24	11	3	9
25	12	0	8
26	12	58	7
27	13	55	6
28	14	52	5
29	15	50	4
30	16	48	3
31	17	45	Prid.

# August hath xxxi dayes.

In the year of the Julian Period 4126, and year of the World 3416, Jerusalem was taken by Nebuchadnezzar the ninth day of the fourth moneth, (viz.) July the 8. And the tenth day of the fifth moneth, (viz.) August the eighth was the Temple and other buildings burnt. *Jer. 52.12.*

1	☉	8	sun. aft. Trin.	Capr.	27	☾	24	Fair	I
2	♂	♀	☾ 2 p	Aqua.	11			and good	
3	☉	☾	4 p		24			weather.	● Full moon
4	♂	♂	☾ 10 a	Pisces	8			Thund. hear.	the 3 day, 4
5	♂	♀	☾ 1 p		21			Rain-like.	min. past 4.
6	♂	♂	☾ 3 a	Aries	4			Fair & good.	morning.
7	♂	♂	☾ 8 a		16			Cooler.	
8	☉		9 aft. Trin.		28	☾	24	Fair	
9	♂	♂	☾ 10 p	Taur.	10			weather, but	☾ Last quar-
10	☉	☉	Lawrence m.		22			windy.	ter the 10 day
11	♂	♂	☾ 4 a	Gem.	4	☉	☉	Heat	19 min. past
12	♂	♀	☾ 5 p		15			or thunder.	11 at night.
13	☉		Sun in Virgo		27			Moisture.	
14	♂	♂	☾ 10 p	Canc.	10	♂	☾	cloudy	
15	☉		10 after Trin p		22			Assump. Mary	
16	♂	♂	☾ 4 a	Leo	5			Fair and hot	● New moon
17	♂	♂	☾ 6 a		18			weather.	the 18 day,
18	♂	☉	☾ 4 p	Virg.	2			Rain-like.	54 min. past
19	♂	♂	☾ 1 p		16	♂	♂	Tur-	4 afternoon.
20	♂	♂	☾ 3 p	Libra	0			bulent and	
21	♂	♀	☾ 5 a		14			moist, not	
22	☉		11 after Trin.		29			good haivest	
23	♂	☉	☾ 7 a	Scorp.	13			weather.	
24	☉		Bartholomew		27				
25	♂	♂	☾ 10 p	Sagit.	11			Cool moyft.	☾ First quar-
26	♂	♂	☾ 4 a		25			Some winde.	ter the 25
27	♂		Dog days end	Capr.	9			Temperate.	day, 20 min.
28	♂	♀	☾ 5 a		23			Rain-like,	past noon,
29	☉		12 after Trin.	Aqua.	6			Like to be	
30	♂	♂	☾ 11 a		20			windie	
31	♂	♀	☾ 4 12	Pisces	3			Temperate.	

# August 1658.

So also August was of old time Sextilis, but in the 38<sup>th</sup> Julian year (when C. Martius Censorinus, and C. A. C. A. Gallus were Consuls) by a decree in Senate it came to be called August: In that year Augustus for the full mending of the Calender, ordered that 12 years should passe without any intercalation. *Pontificum enim intercalatio vitiosa erat.*

1	18	43	Cal.
2	19	41	4
3	20	38	3
4	21	36	Prid.
5	22	34	Non.
6	23	31	8
7	24	29	7
8	25	27	6
9	26	25	5
10	27	23	4
11	28	20	3
12	29	18	Prid.
13	ony 16	16	Idus.
14	1	14	19
15	2	12	18
16	3	10	17
17	4	8	16
18	5	6	15
19	6	4	14
20	7	2	13
21	8	0	12
22	8	59	11
23	9	57	10
24	10	55	9
25	11	53	8
26	12	52	7
27	13	50	6
28	14	48	5
29	15	47	4
30	16	45	3
31	17	51	Prid.

# September hath xxx dayes.

In that age of the world in which our Saviour Jesus Christ was born, the Autumnall Equinox was on the 25 day of September, which is commonly now about 12 dayes sooner: for it is now for the most part on the thirteenth day, or on the twelfth. As for example, it is this year on the thirteenth day, 12 min. past one in the morning.

1	i	♂	♂	♂	4 p	Pisces	16	The begin-	Full moon
2	g	Δ	♂	♂	10 p		29	ning fair.	the first day,
3	a	SS.	♂	♀		Aries	12	The 3 and 4	about 3 af-
4	b	♂	♀	♂	8 p		24	some rain.	ternoon.
5	c	13	after Trin.			Taur.	6	The 5, 6, and	
6	d	Moon	in apog.				18	7 fair.	
7	e	*	♂	♂	11 p	Gem.	0	* ♂	
8	f	Nat.	of Mary				11	Great winds	
9	g	Δ	♀	♂	1 a		23	with wet.	☾ Last quar-
10	a	♂	♂	♂	3 a	Canc.	5	☾ ♀	ter the 9 day,
11	b	♂	♂	♀	8 p		17	Very windy	near six at
12	c	14	af. er Trin.			Leo	0	and variable.	night.
13	d	Sun	in Libra				11	Scarce fair.	
14	e	Holy	Roed.				26	* ♀	
15	f	*	♀	♂	0 p	Virg.	10		
16	g	♂	♂	♂	14 a		24	The 17 day	
17	a	♂	♂	♂	5 a	Libr.	9	wind ☾ ☾	☾ New moon
18	b	♂	♂	♂	4 a		24	Cloudy cool.	the 17 day,
19	c	15	after Trin.			Scorp.	8	Rain like.	near 3 in the
20	d	*	♂	♂	9 a		23	The 20 and	morning.
21	e	Matthew	Apo.			Sag.	8	11 some wind	
22	f	♂	♂	♂	9 a		21	Hot & windy	
23	g	*	♀	♂	11 a	Capr.	6	if not thunder	☾ First quar-
24	a	♂	♂	♂	0 p		20	Cooler,	ter the 23
25	b	♂	♂	♂	9 p	Aqua.	3	Fair & good.	day, 27 min.
26	c	16	after Trin.				16		past 7 at
27	d	♂	♂	♂	2 a	Pisces	0	wind and wet	night.
28	e	Δ	♀	♂	6 a		12	The 3 last	
29	f	Michael	arch.				28	days milder &	
30	g	Δ	♂	♂	2 p	Aries	8	temperate.	



# September 1658.

September ( the seventh from March ) was sometimes called Germanicus, from Germanicus the sonne of Drusus, a stout man, who eage y defended the affairs of the Romanes against the Germanes, and took order that the unburied reliques of the legions of Quintilius Varus should be buried.

1	18	42	<i>Cal.</i>
2	19	41	4
3	20	39	3
4	21	38	<i>Prid.</i>
5	22	36	<i>Non.</i>
6	23	35	8
7	24	34	7
8	25	32	6
9	26	31	5
10	27	30	4
11	28	29	3
12	29	27	<i>Prid.</i>
13	<i>om</i>	26	<i>Idus.</i>
14	1	25	18
15	2	24	17
16	3	23	16
17	4	22	15
18	5	21	14
19	6	20	13
20	7	20	12
21	8	19	11
22	9	18	10
23	10	17	9
24	11	16	8
25	12	16	7
26	13	15	6
27	14	15	5
28	15	14	4
29	16	14	3
30	17	13	<i>Prid.</i>

# October hath xxxi dayes.

When Solomon had finished the building of the Temple, he kept a feast for the Dedication of it, which was in the seventh moneth, and year of the Julian Period 3710, a just 3000 before Christ was born, & 3000 complete from the creation. The 7 moneth began Octob. 5, six days before the first day of the Dedication: the cycle ☉ 14, of the ☾ 5.

1	a	♂ h ☾ o p	Aries	20	This moneth	☉ Full moon
2	b	Leodegar	Taur.	2	begins with	the first day,
3	☉	17 after Trin.		14	cloudy aire,	57 min. past
4	d	h oriental.		26	for some days	six morning.
5	e	* ♀ ☾ 3 p	Gem.	8	with snow or	
6	f	♂ ♀ ☾ 3 a		20	cold rain.	
7	g	Δ ♀ ☾ 20 p	Can.	2		
8	a	♂ ☾ 12 p		14	Thunderlike	
9	b	♂ h ☾ 3 a		26	with great	☾ Last quar-
10	☉	18 after Trin.	Leo	8	winds & cold	ter the 9 day.
11	d	♂ h ♂ 22 a		21	rain or hail	56 min. past
12	e	Q ♀ ♂	Virgo	4	in someplaces	11 before
13	f	Sun in Scorp.		18	☉ ♀ ☾ Wet	noon.
14	g	* ♀ ☾ 13 p	Libra	3	weather.	
15	a	♂ h ☾ 8 p		17	Wet & windy	
16	b	♂ ☉ ♀ 7 p	Scorp.	2	about the 15,	New moon
17	☉	19 after Trin.		17	16, and 17.	the 16 day,
18	d	Luke Evang.	Sag.	2	☾ in perig.	48 minutes
19	e	♂ ♀ ☾ 5 p		17	Rain at night	past noon.
20	f	* ♀ ☾ 8 a	Capr.	2	* ♂ ☾ tres M	
21	g	♂ ♂ ♀ 11 a		16	Wind and	
22	a	♂ ♂ ☾ 10 a	Aquar.	c	storms often.	☾ First quar-
23	b	Term begins		13	♂ ♀ ☾	ter the 23 day
24	☉	20 after Trin.		27	Δ ♂ ☾	30 min. past
25	d	☉ ♀ 9 a	Pisc.	10	Great winds.	4 morning.
26	e	♂ ♀ ☾ 12 p		22	Sleet or rain.	
27	f	Δ ♀ ☾ 14 p	Aries	1	Mens. Mich.	☉ Full moon
28	g	Simon & ju e		17	♂ ♂ ☾ windy	the 31 day,
29	a	♂ ♀ ☾ 8 a		29	and warm.	10 min. be-
30	b	♂ ♀ ☾ 2 p	Taur.	11	Fair & good	fore one in
31	☉	21 after Trin.		23	weather.	the morning.

# October 1658.

October ( the eighth from March ) was sometimes called Domitianus, from the name of Domitian the Emperour, who perswaded the Senate & people of Rome, to have this moneth called after his own name, and had it engraven both on his coyn and other monuments. But this lasted not long; for it came at last to be razed out as an unlucky name.

1	18	13	Cal.
2	19	13	6
3	20	13	5
4	21	12	4
5	22	12	3
6	23	12	Prid.
7	24	12	Non.
8	25	11	8
9	26	11	7
10	27	11	
11	28	11	5
12	29	11	4
13	om	11	3
14	1	11	Prid.
15	2	11	Idus.
16	3	11	17
17	4	11	16
18	5	11	15
19	6	11	14
20	7	12	13
21	8	12	12
22	9	13	11
23	10	13	10
24	11	13	9
25	12	14	8
26	13	14	7
27	14	14	6
28	15	15	5
29	16	15	4
30	17	16	3
31	18	16	Prid.

# November hath xxx dayes.

On the fifteenth day of the eighth moneth, Jeroboam instituted his feast for the worship of the two golden Calves, the one at Dan, the other at Bethel. This was in the yeare of the Julian Period 3740, on the 16 day of November and seventh day of the week, which was then the fifteenth day of the eighth moneth.

1	D	All Saints.	Gen.	5	Cloudy.	
2	E	8q. 4 ♀		17	* 4 ☾	
3	F	Morr. all souls.		18	Δ 2 ☾	* ♂ ♀
4	G	Δ ♂ ☾ 6 a	Canc.	10	Rain.	
5	A	Powder treas.		21	Δ ☉ ☾	
6	B	Leonard	Leo	5	☐ 2 ☾	SS. ☉ ♄
7	C	12 after Trin.		17	♂ 4 ☾	
8	D	* ♄ ☾ 2 a	Virg.	0	☐ ☉ ☾	☾ Last quar-
9	E	* ♂ ☾ 8 a		13	Δ ♀ ☾ Very	ter the 8 day,
10	F	* ☉ ☾ 2 p		27	windy & wet	46 min. past
11	G	☐ 4 ♂ 2 p	Libra	11	weather.	3 morning.
12	A	Sun in Sagr.		25	Craft. Mart.	cold & cloudy
13	B	♂ ♂ ☾ 6 p	Scorp.	10		
14	C	13 after Trin.		25	Better till the	● New moon
15	D	Δ 4 ☾ 3 p	Sag.	11	18 day, then	the 14 day,
16	E	* ♄ ☾ 0 p		26	wet and wind	5 min. past
17	F	♄ is retrograde	Capr.	11	again.	11 at night.
18	G	♂ ♀ ☾ 8 a		25	Obstab. Mart.	Rain & wind
19	A	♂ 4 ☾ 6 p	Aquar.	9		
20	B	☐ ♂ ☾ 4 a		23	Δ ♄ ☾ Snow	
21	C	14 after Trin.	Pisc.	6	or cold	☾ First quar-
22	D	♀ in elong. max		19	rain. Δ ♂ ☾	ter the 21 day
23	E	* ♀ ☾ 5 a	Aries	2	Something	34 min. past
24	F	Δ ☉ 4 10 p		14	windie.	5 at night.
25	G	♂ ♄ ☾ 1 p		26	Quind. Mart.	cold & cloudy
26	A	☐ 4 ♂ 9 p	Taur.	8	Indifferent.	missing weath
27	B	♂ ♂ ☾ 8 p		20	☾ in ☿	● Full moon
28	C	Advent Sunday	Gem.	2	Δ ♀ ☾ Moist	the 29 day,
29	D	Term ends		14	and windy.	13 min. past
30	E	Andrew Apo.		21	Close weather	8 at night.

# November 1658.

November (the ninth from March) in the dayes of Antonius Commodus was called Exuperatorius, not because it had more dayes then the other moneths (for it had then (as now) but 30 dayes:) but because the flatterers of Commodus used to call him by that name.

1	19	17	Cat.
2	20	17	4
3	21	18	3
4	22	19	Prid.
5	23	19	Non.
6	24	20	8
7	25	21	7
8	26	22	6
9	27	22	5
10	28	23	4
11	29	24	3
12	0	25	Prid.
13	1	26	Idus.
14	2	27	18
15	3	28	17
16	4	29	16
17	5	30	15
18	6	31	14
19	7	32	13
20	8	33	12
21	9	34	11
22	10	35	10
23	11	36	9
24	12	37	8
25	13	38	7
26	14	39	6
27	15	41	5
28	16	42	4
29	17	43	3
30	18	41	Prid.

# December hath xxxi dayes.

In the 148 year of the kingdome of the Syro-Grecians Judas Maccabeus purged the Temple and Altar, and restored the Sacrifices, which by Antiochus Epiphanes had been profaned and hindred. This was in the year of the Julian Period 4549 on the 15 day of Casseu, which was then on the 22 day of December.

1	f	Δ 4 ♀ 2 a	Canc.	7	Windy stor-	
2	g	SS. h ♂		19	my weather	
3	a	Δ ♂ C 4 a	Leo	2	with snow.	
4	b	♂ ♀ C 1 a		14	Δ ♀ C	
5	c	2 sun. in Adv.		27	* h C 2 p	
6	d	Nicholaus	Virg.	9	Like to be	
7	e	♂ 4 ♀ 7 p		22	frosty cold	☾ Last quar-
8	f	Concep. Mar	Libra	6	weather.	ter the 7 day,
9	g	* ☉ h 10 p		20	Cloudy, as if	30 min. past
10	a	* h ♀ 11 p	Scorp.	4	snow or cold	5 at night.
11	b	♂ ♀ C 5 a		19	rain. ☾ A	
12	c	Sun in Capric.	Sag.	4	Stormy and	
13	d	Lucy virg.		19	some winde.	
14	e	* h C 3 a	Capr.	4	♂ ♀ C	New moon
15	f	Bq. 4 ♀		19	Much like.	the 14 day.
16	g	O Sapientia.	Aqua.	4	Fair. ♂ 4 C	46 min. past
17	a	♂ ♀ C 4 p		18	Rain, or ♂ ♀ C	nine morning
18	b	* ☉ C 10 p	Pisces	2	snow.	
19	c	4 sun. in Adv.		15	More milde.	
20	d	☉ C 21 p		28	Cloudy aire.	☾ First quar-
21	e	Thomas Apost	Aries	11	Δ 4 ♂ free-	ter the 21 day
22	f	* ♀ C 1 p		23	zing weather,	about ten be-
23	g	SS. ☉ ♂	Taur.	5	yet mildly.	fore noon.
24	a	Δ ♀ C 7 p		17	☉ ♀ C Moist	
25	b	Nat. of Christ		29	weather, but	
26	c	S. Stephen	Gem.	10	warm and	
27	d	S. John Evang		22	temperate.	
28	e	Innocents	Canc.	4	Δ h C	☉ Full moon
29	f	♂ ☉ C 3 p		16	Mixed cold	the 29 day,
30	g	☉ h ♀ 5 a		29	windy and	28 min. past
31	a	♂ 4 C 10 a	Leo	11	snowie.	3 after noon.



# December 1658.

December (the tenth from March) was sometime called Amazonius; and this also in the dayes of Commodus, who gave his own name to August: September he called Hercules; October Invictus; November Exuperatorius; and December Amazonius. But these names quickly vanished.

1	19	45	Cal.
2	20	47	4
3	21	48	3
4	22	49	Prid.
5	23	51	Non.
6	24	52	8
7	25	53	7
8	26	54	6
9	27	55	5
10	28	56	4
11	29	57	3
12	30	59	Prid.
13	1	0	Idus.
14	2	1	19
15	3	3	18
16	4	4	17
17	5	5	16
18	6	7	15
19	7	8	14
20	8	9	13
21	9	11	12
22	10	12	11
23	11	13	10
24	12	15	9
25	13	16	8
26	14	17	7
27	15	18	6
28	16	20	5
29	17	21	4
30	18	22	3
31	19	23	Prid.

A compendious plain table, calculated for the Sun's depression fifteen degrees under the Horizon, serving as well to finde the dawning of the day, as the continuance of twilight, after an exact maner.

Degrees	Capric.	Aquar.	Pisces.	Aries	Taurus	Gem.	Degrees
	ho. min.	ho. min.	ho. min.	ho. min.	ho. min.	ho. min.	
0	1 53	1 47	1 39	1 40	1 54	2 36	30
3	1 53	1 45	1 39	1 40	1 57	2 43	27
6	1 52	1 44	1 39	1 42	2 0	2 50	24
9	1 52	1 43	1 38	1 43	2 3	2 57	21
12	1 51	1 42	1 38	1 44	2 7	3 7	18
15	1 51	1 41	1 38	1 45	2 10	3 19	15
18	1 50	1 40	1 38	1 46	2 15	3 35	12
21	1 50	1 40	1 38	1 47	2 19	Continual twilight	9
24	1 49	1 40	1 39	1 49	2 24		6
27	1 48	1 39	1 39	1 51	2 30		3
30	1 47	1 39	1 40	1 54	2 36		0
	Sagitt.	Scorpio	Libra.	Virgo	Leo	Cancer	

The use of this table is easie: for by knowing the sign and degree the Sun is in (which you may finde every day in the first part of this Almanack) the dawning of twilight is quickly found. As for example: The fourth of January the Sun is in the 24 degree of Capricorn: now coming to this table, I finde Capricorn on the head of the table, from whence I proceed downwards untill I come against the 24 degree on the left hand of the table, and there I finde one hour and 49 minutes, which is the very time the day is dawning before the Sun riseth, or the continuance of twilight after the Sun is set. But if the Sun's place be found at the bottome of the table, then the degrees must be found on the right hand: and so again you have your desire.

Swan 1658.

A table of the houre and minute of Sun-rising  
every second day of the year.

Daye	January	February	March	April	May	June
	ho. m.	ho. m.	ho. m.	ho. m.	ho. m.	ho. m.
2	8 47	15 6	16 5	14 4	21 3	46
4	8 17	10 6	12 5	10 4	17 3	45
6	7 58	6 6	8 5	6 4	14 3	44
8	7 56	2 6	4 5	2 4	11 3	43
10	7 53	58 6	0 4	58 4	7 3	43
12	7 51	54 5	56 4	54 4	5 3	43
14	7 48	50 5	52 4	50 4	2 3	43
16	7 45	46 5	48 4	46 4	0 3	44
18	7 43	42 5	44 4	43 3	58 3	45
20	7 40	38 5	40 4	39 3	56 3	46
22	7 37	34 5	36 4	35 3	54 3	47
24	7 33	30 5	32 4	32 3	52 3	48
26	7 29	26 5	29 4	29 3	50 3	49
28	7 25	22 5	25 4	25 3	48 3	5
30	7 21	0 5	21 4	22 3	47 3	5

Daye	July	August	Septemb.	Octob.	Novemb.	Decemb.
	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.	ho. mi.
2	3 54	4 39	5 39	6 41	7 37	8 1
4	3 56	4 43	5 42	6 45	7 40	8 15
6	3 58	4 46	5 46	6 49	7 44	8 16
8	4 0	5 50	6 50	7 52	8 47	9 17
10	4 3	5 54	6 54	7 56	8 51	9 17
12	4 6	5 58	6 58	7 59	8 54	9 17
14	4 8	5 26	6 27	7 43	8 57	9 17
16	4 11	6 6	6 6	7 8	8 59	9 16
18	4 15	10 6	11 7	12 8	1 8	9 15
20	4 18	14 6	15 7	15 8	3 8	9 15
22	4 21	18 6	20 7	19 8	5 8	9 14
24	4 24	21 6	24 7	21 8	7 8	9 12
26	4 27	25 6	28 7	25 8	9 8	9 10
28	4 30	29 6	32 7	29 8	11 8	9
30	4 34	32 6	36 7	32 8	13 8	7

Swan 1658.

A table of the houre and minute of Sun-setting  
every second day of the year.

days	January ho. mi.	February ho. mi.	March ho. mi.	April ho. mi.	May ho. mi.	June ho. mi.
2	3 56	4 45	5 44	6 46	7 39	8 14
4	3 59	4 50	5 48	6 50	7 43	8 15
6	4 2	4 54	5 52	6 54	7 46	8 16
8	4 4	4 58	5 56	6 58	7 49	8 17
10	4 7	5 2	6 0	7 2	7 53	8 17
12	4 9	5 6	6 4	7 6	7 55	8 17
14	4 12	5 10	6 8	7 10	7 58	8 17
16	4 15	5 14	6 12	7 14	8 0	8 16
18	4 17	5 18	6 16	7 17	8 2	8 15
20	4 20	5 22	6 20	7 21	8 4	8 14
22	4 23	5 26	6 24	7 25	8 6	8 13
24	4 27	5 30	6 28	7 28	8 8	8 12
26	4 31	5 34	6 31	7 31	8 10	8 11
28	4 35	5 38	6 35	7 35	8 12	8 10
30	4 39	0 0	6 39	7 38	8 13	8 9
days	July ho. mi.	August ho. mi.	Septem. ho. mi.	October ho. mi.	Novem. ho. mi.	Decem. ho. mi.
2	8 6	7 21	6 21	5 19	4 23	3 45
4	8 4	7 17	6 18	5 15	4 20	3 45
6	8 2	7 14	6 14	5 11	4 16	3 44
8	8 0	7 10	6 10	5 8	4 13	3 43
10	7 57	7 6	6 6	5 4	4 9	3 43
12	7 54	7 2	6 2	5 0	4 6	3 43
14	7 52	6 58	5 58	4 56	4 3	3 43
16	7 49	6 54	5 54	4 52	4 1	3 44
18	7 45	6 50	5 49	4 48	3 59	3 43
20	7 42	6 46	5 45	4 45	3 57	3 43
22	7 39	6 42	5 40	4 41	3 55	3 46
24	7 36	6 39	5 36	4 38	3 53	3 48
26	7 33	6 35	5 32	4 35	3 51	3 50
28	7 30	6 31	5 28	4 31	3 49	3 5
30	7 26	6 28	5 24	4 28	3 47	3 53



A short and brief touch at the natures  
and qualities of sundry sorts of herbs, and  
Plants, the knowledge whereof is both  
pleasant and profitable.

**A**nd first, I will begin with Basil. This is an  
herb hot in the second degree, and somewhat moist.  
Galen would not that this herb should be taken in-  
wardly, because it hath a kind of superfluous moisture  
upon it; but being applied outwardly, it is good  
against, distribute, or concoct. we in England seloome  
ever eat it: yet we greatly esteem it, because it  
smelleth sweet, and (as some think) comforteth the  
stomach. But they are greatly out, for we know that  
hot spices are rather hurt then helped by it: And  
as which is Drage, I have read how that a certain  
Man had a Scorpion bred in his brain, who after  
moment and long pain died thereof; and it was at  
the first bred there by the often smelling to this herb.  
But Basil is not so hot, yet if it be chewed and laid in  
the head, it engendreth worms. In a word the savour is  
strong, and therefore much smelled unto, it procureth  
the haback.

It is of another nature, for it is good against the  
king of Scorpions: yea the very smell of it stereth  
the wind, and must therefore be good for students.  
It wales vomiting, stops the terms, helps sore heads  
in children, strengthens the stomach, and helps di-  
gestion. But let the good huswife never use to rub her  
sides with Mints, lest in so doing she hinder her  
self from curding. This herb is hot and dry in the

third degree; and as Schola Salerni saith, is good against  
worms.

The worms that gnaw the wombe and never stint,  
Are killed, purg'd, and driv'n away by Mint.

Peniryall, or Pudding-grasse, is hot and drie in the  
third degree. It is good against drowzinesse, if they  
that be subject therunto do but take the green herb  
and hold it under their tongue, and ever and anon  
change it for the fresher. It is also good against Choler  
and the Gout: For as Schola Salerni saith,

Let them that unto choler much incline,

Drink Peniryall steeped in their wine:

And some affirm what they have found by triall,

That Gouts great pain is eas'd by Peniryall.

It is also good to strengthen the brain, it breaks sound,  
and helps the Vertigo. Yea, the very smell of it is ac-  
counted wholesome.

White Brionie is in all parts hot and drie, exceeding  
the third degree. It is good to take away wrinkles,  
freckles, sunne-burning, black marks, spots and scars  
of the face, if the juice of it be tempered with the meal  
of Vetches or Tares, or of Fenugreek. And as Galen  
affirmeth, is an excellent herb for Tanners to thicken  
their leather hides with.

Willow-leaves are cold, dry, and binding; they stop  
fluxes and spitting of blood. The boughs stuck about  
a Chamber, wonderfully cool the aire, and refresh such  
as have feavers. The leaves also applyed to the head  
help away hot diseases there and frenzies. Moreover  
note that Willow is of a much like nature to Agnus-  
castus: it is therefore a custome (at least in speech)  
that he who is deprived of his Love, and cannot have  
her, must wear a Willow-garland.

Myrtle-berries are good against fluxes. This is a  
tender plant, not able to endure any cold; and (as Ju-  
thours affirm) was wont to be worn garland-wise by  
the



the Roman Captains, when they triumphed for a victory got without slaughter of men. Plinie saith, that more Pepper was found out, the Myrtle-berries were used in the stead thereof.

Housleek, or Semper vivens, is alwayes green, both in Summer and Winter. The iulce hereof taketh away Colours better then any thing that can be easily gotten. First wash and bathe them well with the iulce, and then lay on them some of the skinnes of the Housleek, and you will find great ease.

Arismart, or Water-pepper groweth almost in every waterish plash, or near unto the brims of rivers, ditches, and running brooks. It is of an hot and drye temper. The leaves of this herb rubbed upon a tired Iades back as soon as he beginneth to tire, and a good handfull of two laid under his saddle, doth wonderfully refresh the horse, and causeth him to travell much the better.

Water-creesses are of nature hot and drye. They help maidens of the Green-sicknesse, and send their wonted cheere colour again into their faces. Use them thus: chop and boyl them in the broth of flesh, and let the broth be eaten for a moneth together at morning, noon, and night.

The Woodbind or Honyfuckle is well known: of which some write that the iulce of the leaves drunk oft by the space of 37 dayes together, will make him that he shall never beget any more children.

The Walnut-tree is well known: it delighteth much to grow upon mountains and in dry places. The nuts that it beareth be hot and dry in the second degree after they be withered, but not when new gathered. If the pilles be taken off, they are thought to be good for the stomach, and somewhat loosing to the bowels; and mixed with sugar do nourish temperately. They be also good against poyson, and were used by

King Mithridates as a speciall antidote: The composition whereof was two drie Walnuts, twenty leaues of Rew, and two Figges, and one grain of Salt. This medicine he used every morning with a little wine, and thereby so accustomed his body unto it, that when he thought to have dispatched himself with popson, rather then fall into the power of the Romanes, he could not doe it. And note, that the distilled water of the green outward husks ( if they be distilled before they be rotten ) is excellent good against the Pestilence.

Rue is hot and drie in the third degree, and is also a great enemy to popson: and from thence arises that antipathy which is between the Cow and this herb. Plinie writeth that there is such friendship between it and the Fig-tree, that it prospereth no where so well as under that tree. And note that it is exceeding good in times of infection, let it be taken any way. Beside, as Scholasticus saith;

Rue is a noble herb, to give it right:

For, chew it fasting, it will purge the sight.

One quality thereof yet blame I must:

It makes men chaste, and women fild with lust.

Dill is hot and drie well neare to the second degree. The decoction of the dried tops, together with the seed drunk, provoketh urine, allayeth gripings, hickers, vomiting, and windinesse, allwayeth swellings, engend'reth milk ( like Sowthistle ) in womens breasts. The green herb procureth secure and sound sleep: and from hence it was that garlands made of this herb were worn at riotous feasts, that thereby those champions of Bacchus might both sleep soundly and without danger.

Feverfew is also hot and drie, and is bound to the walls in time, it helps to drive away an ordinary

London & Que. Is also good (if it be dried and made  
to powder) against the Vertigo, which is a swelling  
or turning in the head: it about two drammes  
it be taken with hony or sweet wine.

Angelica is hot and drie in the third degree. It is  
powerfull to paysons, and cureth pestilent diseases if  
in time: yea, the very rosc chewed in the mouth  
is good against infection; or if powdered, a dram at a  
time will serve.

Dragon is much like to Angelica in operation, if the  
distilled water be drunk: onely observe that the smell  
of Dragon-flowers are hurtfull to women newly con-  
ceived. But Sowbread is worse (in this) by farre:  
Dr. Bartas therefore saith;

If over it a child-great woman stride,

Instant abortion often doth betide.

Leeks are not good for hot and cholericke bodies, be-  
cause if they be eaten often, they ingender naughty  
humors, hurt the head, dull the sight, and make one to  
be troubled and affrighted with terrible dreames. The  
like may be said of Onions: they should not there-  
fore be eaten raw. And yet the water of the distilled  
leek, being done in June, and drunk often by wo-  
men that are barren, helpeth them. The same wa-  
ter helpeth the bleeding at the nose; if a little cotton  
wool therein be put into the nostrils. Also, bruise  
an Onion; and put thereto a little salt and hony,  
and you will find it an excellent medicine to destroy  
warts.

Sleep not presently after the eating of Radish, for  
it will cause a stinking breath.

It is said that the Indian women take no Tobacco,  
because they think it too strong for the constitution of  
their bodies: yet some women of England use it often,  
as well as men. And questionlesse, those natives a-  
mong whom it groweth, may take more at once then

any one of us. This herb was first brought into England by Sir Francis Drake his mariners, in the yeare of our Lord 1585. which was three years before Tilbury-camp. So that it is now 73 years since it began to be in use among us.

Yarrow is an herb meanly cold in temper: the green leaves chewed in the mouth are good against the tooth-ach; or put into the nose do make it bleed, and is a remedie against that pain in the head which Physicians call the *Megrim*. Plinie saith that Achilles (the disciple of Chiron) first found out this herb, and with it cured his wounds. It is moreover good to stop *Flasks* and the *Terms* in women, and to help the running of the *Reins*.

Plantine is cold and drie, and as wholesome an herb as can grow about an house: for the decoction of it prevaileth mightily against tormenting pains and exco-riations of the guts, bloody fluxes, it stops the terms, and spitting of blood, *Phthisicks*, or consumptions of the Lungs, the running of the *Reins*, and the whities in women, pains in the head and frenzies. Outwardly taken it clears the sight, takes away inflammations, scabs, itch, the shingles, and is good against all spreading sores.

Peach-leaves are said to be a gentle, yet a complete purger of *Choler*, and diseases coming from thence, fit for children because of their gentlenesse. You may boyl them in white wine: a handfull is enough at a time.

Groundsell is also good for the same purpose, and held to be a very harmlesse purge. The usuall way is to boyl it in water with *Currance*, and so eat it.

Chestnuts be hot and drie in the first degree, and are of an astringent or binding nature. The trees on which they grow be in some gardens in England, but in Kent they grow abroad in the fields very plentifully.

This tree delighteth in shadowie places and mountains whose situation is toward the North. The nuts that grow on it are ripe about the end of September, and do last all winter. Some use to make an Electuary with the meal of Cheinuts and Honey, very good against the Cough and spitting of blood.

Hail-nuts be also hot and drie in the first degree, hard of digestion, fill the stomach and belly with wind, incline one to vomit, and (as experience proveth) make the breast full of flegme, and cause a Cough; especially after they be drie, for the drie are worse then the new and moist, more oylie, turn soon to Choler, and engender head-ach; but eaten with good raysons of the Sunne, their ill property is a little qualified. Filberts are of a much like nature, saving that they are more pleasant in eating, longer in form, thinner in shell, and sooner ripe. Howbeit a man may make a good medecine of Nut-shells for a lask; namely thus: Take nut-shells and beat them into powder, of which put two drandmes into red-wine and drinke it. Some hold that if Hail-nutshells be burnt to ashes, and laid to the hinder part of the head of a child having grey eyes, they will cause those eyes to become black.

Almonds be hot and moist in the first degree. They do extenuate and cleanse without binding: wherefore they purge the Breast and Lungs, and be good to be eaten with Figs, of such as be short-winded.

Horehound is hot in the second degree, and drie in the third. The syrupe of this herb doth wonderfully and above credit ease such as have lien sick very long of a Cough or consumption of the Lungs. Saffron doth the like, bringing breath again, when one is eben at deaths dooze, if ten or twenty grains at the most be given in new or sweet wine. But take heed I say of too much Saffron at once, lest in chearing the heart you overcome it.

Baum or Balm is hot and drie in the second degree, and good to be either eaten or smelled unto by them who are subject to the Mother. Women take great delight in this herb, and ste not away from such others as be either rubbed with the leaves, or anointed with the juice hereof. But plant no Rose-tree near your Bed, for the honey that is gathered from thence will have a kind of bitterness in it.

Sage is an herb of singular properties: I cannot name them all. The Latine and English names speak greatly for the commendation of it: For Salvia takes the name of Safety; and Sage is a name of wisdom.

Sith then the name betokens Wise and Saving,

We count it natures friend, and worth the having.

Some call it the Holy herb, because women with child, if they be like to come before their time, and are troubled with abortments, do eat thereof to their great good: for it maketh them fruitfull, retaineth the birth, and giveth life unto it. This property of fertility caused, that in times past the people of Egypt, after a great mortality and pestilence, constrained their women to drink the juice thereof, to cause them the sooner to conceive, and to bring forth good store of children.

In a word,

*Salvia confortat nervos, manu[m]q[ue] tremore[m] sedat.*

Tollit, & ejus ope febris acuta fugit.

Sage makes the sinews strong, the palse cures;

And by its help, no ague long endures.

Sowthistle is of a cool temper. If it be given in broth, it increaseth milk in nurses breasts, causing the children nursed by them, to have a good colour and clear complexion.

Betonic is good for the head, and to help women in travail. But Plinie relates a strange property of this herb; for, saith he, if fell serpents be enclosed round about with it, they fall at such odds that they kill each other presently. Lib. 25. c. 8.

That



That the Earth hath no circular motion,  
but that the Sun moves, and the  
Earth stands still.

THAT the Earth moves, and the Sun stands still as the  
immoveable centre of the World, is an opinion which  
came first from the *Pythagoreans*, was taken up since by *Coper-  
nicus*, and is now too seriously maintained by many Masters  
in Astronomie; I think there be very few but know.

But if this opinion be true; First, tell me how it comes  
to passe, that all heavy things tend to the Earth as their cen-  
tre? *In the beginning* (saith *Moses*) *God created the heavens  
and the earth*, Gen. 1. In which words he declareth chiefly  
two things: First, that these very Heavens, and this very  
Earth which now we see in being, were not alwayes, but be-  
gan: Secondly, he layeth down the two distinct parts of the  
World, and comprehendeth them under the name of *Heavens*  
and *Earth*; By the one word insinuating all the superiour  
part; and by the other the inferiour. Then afterward he  
proceedeth to shew how, and in what time God made them  
perfect: for all was not perfected in an instant, but by de-  
grees; and this, not because he was unable to do otherwise, but  
because he would not. Now then, the World having no  
more distinct parts but these two, and that the one is dark,  
heavie, and encompassed by the other; where should that  
which is dark and heavie rest, but in the very middle or cen-  
tre of the concave, where it may have the heavens equally  
distant from it, above, beneath, and on either side?

Secondly, if the Earth move, shew me why the aire in the  
middle region is not rather hot then cold: for surely if the  
Earth should move round in a diurnall motion, then the  
middle Region must be either farre higher then it is; or else  
the aire would be so heated by going round, that the cold-  
● nesse

ness in it would be either little or none at all; for it is a ruled case, that *Remotio à motu circulari dat quietem, frigiditatem, & gravitatem; sicut propinquitas dat motum, calorem, & levitatem*: and thereupon it comes to passe that we have coldnesse in the middle Region, the cause first beginning it being in respect of the hills, which hinder the aire from following the motion of the heavens.

Thirdly, I would also know why an arrow being shot upright should fall neare upon the same place where the shooter standeth, and not rather fall beyond him, seeing the earth must needs carrie him far away, whilst the arrow flyeth up and falleth down again. Or why should a stone, being perpendicularly let fall on the West side of a tower, fall just at the foot of it: or on the East side, fall at all, and not rather be forced to knock against it? We see that a man in a ship at sea, throwing a stone upright, is carried away before the stone falleth: and if it be mounted up in any reasonable height, not onely he which cast it, but the ship also is gone. Now, why it should be otherwise in the motion of the earth, I do not well perceive. If you say, the earth equally carries the shooter, aire, arrow, tower, and stone, then (me thinks) you are plainly convinced by the former instance of the ship: or if not by that, then by the various flying of the clouds, and of birds; nay, of the smallest grasshopper, flie, flea, or gnar, whose motion (though they be light bodies) is not tied to any one quarter of the World, but thither onely whither their own strength shall carry them: some flying one way, some another way, at one and the same time. We see that the wind sometimes hindreth the flight of those pretie creatures; but we could never yet perceive that they were hindred by the aire; which must needs hinder them if it were carried alwayes one way by the motion of the earth: for from that effect of the earths motion, this effect must needs also be produced.

But some perhaps will say (and so indeed *Lansbergius* urgeth) That it is a thing impossible for so vast a body as

the

the heavens, to move daily about the earth, and be no longer then foure and twenty houres before one revolution be accomplished : for if the compasse be no more then such a distance would make, as is from hence to Saturns sphere, the motion must extend in one minute of time, to 55804 miles, which is a thing impossible for any Physicall bodie to perform.

Unto which I must first answer, That in these mensurations, we must not think to come so neare the truth, as in those things which are subject to sense, and under our hands: For we oft times fail, yea, even in them; much more therefore in those which are more remote, and (as it were) quite absent, by reason of their manifold distance.

Secondly, I also answer, that the wonder is not more in the swiftnesse of the motion, then in the largeness of the circumference : for that which is but a slow motion in a little circuit ( although it be one and the same motion still ) must needs be an extraordinary motion in a greater circle ; and so I say, the wonder is not more in the motion, then in the largeness of the circumference. Wherefore he that was able by the power of his word, to make such a large-compassed body, was also able so to make it, that it should endure to undergo the swiftest motion that the quickest thought can possibly keep pace with : *For his works are wonderful, and in wisdom be bath made them all.*

Last of all, Let me demand how the Earths motion and the heavenly Bodies rest can agree with the holy Scripture. For look, I pray you, what the Scripture saith in the severall places following; *viz*, Eccles. 1. 5. Job 38. 32. Psal. 19. 5, 6. Isa. 13. 10. Habac. 3. 11. Psal. 104. 19. Josh. 10. 13. Isa. 38. 8. In all and every of which, the Sun, Moon, and Starres are said to move, to have their courses, risings, settings, and the like. And therefore though it be true which the Copernicans alledge, *viz*. That the grounds of Astronomie are not taught us in Gods book: yet, when I heare the voice of the everlasting Spirit say thus; *Sun stand thou still, and thou*  
Moon

*Moon in the valley of Ajalon; I cannot be perswaded either to think, teach, or write, that the earth stood still: but the Sun stood, and the Moon stayed, untill the people of God had avenged themselves on their enemies. Neither do I think after this, that it was the earth which went back, but the Sun upon Abaz his diall in the dayes of Ezekias: For when God had made the Earth, what said he? did he bid it move about the Heavens, that thereby dayes, weeks, moneths, and years might be produced? No. What then? This was it's office, and this that which it should do; namely, *And bring forth fruit for the use of man.* And for motion, it was absolutely and directly bestowed upon the Heavens and Starres: witnesse those very words appointing to the Sun and Moon their courses; setting them in the Heavens so as they should never rest, but *be for signes, and for seasons, for dayes, and for years.* And so also the wise Siracides understood it, saying; *Did not the Sun go back by his means, and was not one day as long as two?* Ecclus. 40. 1. I conclude therefore, that though there be in nature something, which in a certain sense may be called *Motus Terra*; yet is that nothing else but *Germinatio Terra*, as we have already heard.*

*Verba Josue facta sunt non tantum ad Solem, sed & ad Lunam; & miraculum duobus constabat partibus, viz. in statione Solis & Luna. Luna stationem realem fuisse, & non secundum apparentiam, Copernicanis fatentibus, certum est; dico ergo & Solis stationem talem fuisse. Suspendit terram ad nihilum, Job 26. 7. Quae verba directe quietem terrae suspensae in libera aere notant: non quinquam suspensum vocamus id quoddapidiissime de loco in locum movetur; sed quod ipso in loco in aere; nullo suffultum fundamento, haeret.*

*Sub pedibus si quando hominum terra alma tremescit,  
Irati signum creditur esse Dei.*

*Naturam invertunt, & sancta Ora cula torquent,  
Currere qui Vestam, Sole sedente, volunt.*

# Of the latitude of the Planets, their mean motion, with sundry other things of note.

They are said to have latitude, when they are not just under the Ecciptick line, but be either on the North or South side of it. And note that Planets are so much the stronger, by how much their latitude toward the North is the greater; which is found so, most of all in their Aspects and meetings each with other.

	deg.	min.	min.	sec.
Saturns great-est latitude	North, is	3 2	Mean motion	2 0
	South, is	3 5	for one day, is	2 0
Jupiters great-est latitude	North, is	2 8	Mean motion	4 59
	South, is	2 8	for one day, is	4 59
Mars his great-est latitude	North, is	4 21	Mean motion	3 27
	South, is	7 30	for one day, is	3 27
The Sun hath no latitude, but is ever under the Ecciptick. His mean motion in one day, is 59 minutes, 8 seconds, and 19 thirds.				
Venus her great-est latitude	North, is	7 22	Mean motion	8 59
	South, is	2 20	for one day, is	8 59
Mercuries great-est latitude	North, is	4 5	Mean motion	9 8
	South, is	2 30	for one day, is	9 8

And as for the Moon, her greatest latitude (as well North as South) is five degrees: and her mean motion for one day, is 13 degrees, 10 minutes. and 35 seconds.

Moreover, a Planet swift in motion, is when (according to the succession of the signes) the true motion is greater then the mean.

Slow in motion, is when either the Planet is retrograde, or more slow then when the motion is mean.

Direct

**Direct**, is when a Planet moves according to the succession of the signes.

**Retrograde**, is when the motion is contrary to that order: as from *Taurus* to *Aries*, and the like.

**Stationary**, is when a Planet seems so to stand still, as that for some dayes there is no variation of motion.

**Combust**, is when a Planet is within 16 minutes of the Sun.

*In corde solis*, being within lesse then 16 minutes.

*Sub radiis*, or under the Sun-beams, being within 15 degrees of the Sun.

*Apertio portarum*, ( or port-opening ) which commonly brings some notable alteration of the aire, is when the Moon by Conjunction, Quartile, or Opposition passeth immediately from the Sun to Saturn, or from Saturn to the Sun. From Jupiter to Mercury, or from Mercury to Jupiter. From Mars to Venus, or from Venus to Mars. The like may be said of the Conjunction, Quadrate, or Opposition of the Sun and Saturn, Jupiter and Mercury, Mars and Venus.

*Origanus* observes the same concerning Mars and Venus, when they make their transit by the Pleiades or seven starres; or when Mars alone passeth by them: for there is then such a Port-opening in the Heavens, as commonly produceth much rain. That of Jupiter and Mercury produceth wind: but that of the Sun and Saturn, is for cloudy, cold, obscure aire; together with snow in winter, or hail at some other season of the year.

Moreover ( as the same Authour noteth ) if Venus be in a watery signe when the Sun entreth into the eighteenth degree of *Scorpio*, we may justly expect much rain.

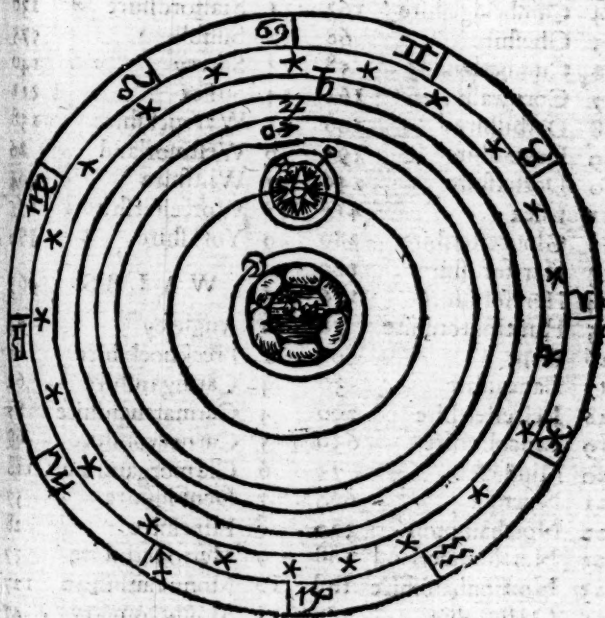
But if Mercury be in a watery signe ( either *Cancer*, *Scorpio*, or *Pisces* ) and under the beam of the Sun, we have great gusts of wind, and sudden violent rain: whereas if he be in an airy signe ( such as *Gemini*, *Libra*, and *Aquarius* )



Swan 1658.

he many times produceth thunder and lightning, as well  
as storms of wind and rain; especially if there be any other  
cause then at hand to help him, or that the season of the yeare  
hinder not; as I believe will appear this yeare in May, about  
the first, sixth, seventh, and tenth dayes.

A Systeme of the World according to  
ARGOL.



1658.

**A table of all the Shires, together with the number of Parishes contained in every Shire both in England and Wales.**

39

**ENGLAND.**

8856.

Shires.	Parishes.	Shires.	Parishes.
1 Berkshire	140	28 Shropshire	170
2 Bedfordshire	116	29 Somersetshire	385
3 Buckingham	185	30 Southampton	253
4 Cambridgeshire	163	31 Staffordshire	130
5 Cheshire	68	32 Suffolk	575
6 Cumberland	58	33 Surrey	140
7 Cornwall	161	34 Sussex	312
8 Derbyshire	106	35 Warwickshire	158
9 Devonshire	394	36 Westmorland	26
10 Dorsetshire	248	37 Wiltshire	304
11 Essex	415	38 Worcestershire	152
12 Gloucestershire	280	39 Yorkshire	359
13 Hampshire	120		
14 Herefordshire	176	40 WALES	965
15 Huntingdonshire	78	1 Anglesey	74
16 Kent	398	2 Brecknockshire	61
17 Lancashire	36	3 Cardiganhire	64
18 Leicestershire	200	4 Carmarthenhire	87
19 Lincolnshire	630	5 Carnarvonshire	68
20 Middlesex	73	6 Clamorganshire	118
21 Norfolk	660	7 Denbighshire	57
22 Northampton	320	8 Flintshire	28
23 Northumberland	168	9 Merionethshire	37
24 Nottinghamshire	168	10 Monmouthshire	127
25 Oxfordshire	280	11 Montgomery	47
26 Richmondshire	104	12 Pembrokehire	145
27 Rutlandshire	47	13 Radnorshire	52

**FINIS.**

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